

Agricultural Marketing Service, USDA

§ 51.305

§ 51.301 U.S. Fancy.

“U.S. Fancy” consists of apples of one variety (except when more than one variety is printed on the container) which are mature but not overripe, clean, fairly well formed, and free from decay, internal browning, internal breakdown, soft scald, freezing injury, visible water core, and broken skins. The apples are also free from damage caused by bruises, brown surface discoloration, russeting, sunburn or sprayburn, limb rubs, hail, drought spots, scars, stem or calyx cracks, disease, insects, bitter pit, Jonathan spot, or damage by other means, or invisible water core after January 31st of the year following the year of production, except for the Fuji variety of apples. Invisible water core shall not be scored against the Fuji variety of apples under any circumstances. For the apple varieties listed in table I of § 51.305, each apple of this grade has the amount of color specified for the variety. (See §§ 51.305 and 51.306.)

§ 51.302 U.S. No. 1.

“U.S. No. 1” consists of apples which meet the requirements of U.S. Fancy grade except for color, russeting, and invisible water core. In this grade, less color is required for all varieties listed in table I of § 51.305. Apples of this grade are free from excessive damage caused by russeting which means that apples meet the russeting requirements for U.S. Fancy as defined under the definitions of “damage by russeting,” except the aggregate area of an apple which may be covered by smooth net-like russeting shall not exceed 25 percent; and the aggregate area of an apple which may be covered by smooth solid russeting shall not exceed 10 percent: *Provided*, That, in the case of the Yellow Newtown or similar varieties, the aggregate area of an apple which may be covered with smooth solid russeting shall not exceed 20 percent. Each apple of this grade has the amount of color specified in § 51.305 for the variety. Invisible water core shall not be scored in this grade. (See §§ 51.305 and 51.306.)

(a) *U.S. No. 1 Hail*: “U.S. No. 1 Hail” consists of apples which meet the requirements of U.S. No. 1 grade except that hail marks where the skin has not

been broken and well healed hail marks where the skin has been broken, are permitted, provided the apples are fairly well formed. (See §§ 51.305 and 51.306.)

(b) [Reserved]

§ 51.303 U.S. Utility.

“U.S. Utility” consists of apples of one variety (except when more than one variety is printed on the container) which are mature but not overripe, not seriously deformed and free from decay, internal browning, internal breakdown, soft scald, and freezing injury. The apples are also free from serious damage caused by dirt or other foreign matter, broken skins, bruises, brown surface discoloration, russeting, sunburn or sprayburn, limb rubs, hail, drought spots, scars, stem or calyx cracks, visible water core, bitter pit or Jonathan spot, disease, insects, or other means. (See § 51.306.)

§ 51.304 Combination grades.

(a) Combinations of the above grades may be used as follows:

(1) Combination U.S. Extra Fancy and U.S. Fancy;

(2) Combination U.S. Fancy and U.S. No. 1; and

(3) Combination U.S. No. 1 and U.S. Utility.

(b) Combinations other than these are not permitted in connection with the U.S. apple grades. When Combination grades are packed, at least 50 percent of the apples in any lot shall meet the requirements of the higher grade in the combination. (See § 51.306.)

COLOR REQUIREMENTS

§ 51.305 Color requirements.

In addition to the requirements specified for the grades set forth in §§ 51.300 to 51.304, apples of these grades shall have the percentage of color specified for the variety in table I appearing in this section. All apple varieties other than those appearing in table I shall have no color requirements pertaining to these grades. For the solid red varieties, the percentage stated refers to the area of the surface which must be covered with a good shade of solid red characteristic of the variety: *Provided*, That an apple having color of a lighter shade of solid red or striped red than

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that considered as a good shade of red characteristic of the variety may be admitted to a grade, provided it has sufficient additional area covered so that the apple has as good an appearance as one with the minimum percentage of good red characteristic of the variety required for the grade. For the striped red varieties, the percentage stated refers to the area of the surface in which the stripes of a good shade of red characteristic of the variety shall predominate over stripes of lighter red, green, or yellow. However, an apple having color of a lighter shade than that considered as a good shade of red characteristic of the variety may be admitted to a grade, provided it has sufficient additional area covered so that the apple has as good an appearance as one with the minimum percentage of stripes of a good red characteristic of the variety required for the grade. Faded brown stripes shall

not be considered as color. (A) Color standards USDA Visual Aid APL-CC-1 (Plates a—e) consists of a folder containing the color requirements for apples set forth in this section and five plates illustrating minimum good shade of solid red or striped red color, minimum compensating color and shade not considered color, for the following 12 varieties: Red Delicious, Red Rome, Empire, Idared, Winesap, Jonathan, Stayman, McIntosh, Cortland, Rome Beauty, Delicious, and York.

These color standards will be available for examination and purchasing information in the Fresh Products Branch, Fruit and Vegetable Programs, AMS, U.S. Department of Agriculture, South Building, Washington, DC 20250; in any field office of the Fresh Products Branch; or upon request of any authorized inspector of the Fresh Fruit and Vegetable Inspection Service.

TABLE 1¹
[Only the varieties listed below shall be required to meet a minimum color requirement]

Variety	U.S. extra fancy (Percent)	U.S. fancy (Percent)	U.S. No. 1 (Percent)
Red Delicious	66	40	25
Red Rome	66	40	25
Empire	66	40	25
Idared	66	40	25
Winesap	66	40	25
Jonathan	66	40	25
Stayman	50	33	25
McIntosh	50	33	25
Cortland	50	33	25
Rome Beauty	50	33	25
Delicious	50	33	25
York	50	33	25

¹ Variations on varietal designations listed above must meet or exceed those color requirements listed.

TOLERANCES

§ 51.306 Tolerances.

In order to allow for variations incident to proper grading and handling in each of the grades in 51.300, 51.301, 51.302, 51.303, and 51.304 the following tolerances are provided as specified:

(a) *Defects:* (1) U.S. Extra Fancy, U.S. Fancy, U.S. No. 1, and U.S. No. 1 Hail grades: 10 percent of the apples in any lot may fail to meet the requirements of the grade, but not more than one-half of this amount, or 5 percent, shall be allowed for apples which are seriously damaged, including therein not

more than 1 percent for apples affected by decay or internal breakdown.

(2) *U.S. Utility grade:* 10 percent of the apples in any lot may fail to meet the requirements of the grade, but not more than one-half of this amount, or 5 percent, shall be allowed for apples which are seriously damaged by insects, and including in the total tolerance not more than 1 percent for apples affected by decay or internal breakdown.

(b) When applying the foregoing tolerances to Combination grades, no part